Application No.: 10/720,684

Amdt. dated January 6, 2005

Reply to Office Action dated December 3, 2004

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [00021] with the following amended paragraph:

Referring to FIG. 3, an apparatus for controlling gas valves in a gas drier according to the

present invention is comprised of a microcomputer 20, a normally open start relay 21, an igniter

22, a normally closed flame detection switch 23, a normally closed thermostat switch 24, first

and second valve coils 26 and 27 each coupled with a relay for controlling respective a gas

supply valve (not shown), a rectifier bridge 28, and a pair of photo-couplers 25a and 25b. The

above elements correspond to those of the apparatus of FIG. 1. The present invention further

comprises a self-sustaining relay 29 including an operating coil connected in parallel with the

first valve 26 for activating a relay consisting of a first contact connected to the input side of the

flame detection switch 23 via a rectifying diode D1 and a second contact connected to the output

side of the flame detection switch. Thus, the relay of the self-sustaining relay 29 is effectually

connected in parallel with the flame detection switch 23, while its coil is connected in parallel

with the coils controlling the gas supply valves.

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